

<b>FORM PTO 449/A and B (Modified PTO/SB/08)</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: 10/824,947	ATTY. DOCKET NO.: S1459.70090US00
		FILING DATE: April 15, 2004	CONFIRMATION NO.: 7277
		APPLICANT: Akihisa Inatani et al.	
		GROUP ART UNIT: 2652	EXAMINER: unknown
Sheet	1	of	2

Examiner's Initials #	Cite Nö.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
AC		Japan	JP2002-289269	A	Toyota Central Research & Dev. Labs.	10-04-2002	
AC		Europe	EP 1 431 971	A1	Sony Corporation	06-23-2004	
AC		Europe	EP 1 156 488	A2	Sony Corporation	11-21-2001	
AC		Japan	JP2002-319689	A	Sharp Corp.	10-31-2002	
AC		Japan	JP2000-231942	A	Nikon Corp.	08-22-2000	
AC		Japan	JP2002-175843	A	Japan Gore-Tex, Inc.	06-21-2002	
AC		Japan	JP2002-353432	A	Fuji Photo Film Co., Ltd.	12-06-2002	

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

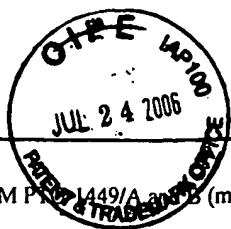
Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
AC		UCHIDA, Satoshi, "Application of Titania Nanotubes to A Dye-Sensitized Solar Cell," Electrochemistry, June 2002, Vol. 70, No. 6, pp. 418-420	
AC		ADACHI, Motonari, "Dye-Sensitized Solar Cells Using Semiconductor Thin Film Composed of Titania Nanotubes," Electrochemistry, June 2002, Vol. 70, No. 6, pp. 449-452	
AC		ADACHI, Motonari, "Formation, Characterization, and Functions of Ceramic Nanotubes," Transactions of the Materials Research Society of Japan, September 2002, Vol. 27, No. 3, pp. 505-508	
AC		NGAMSINLAPASATHIAN, S., "Titania Nanotube o Mochiiru Shikiso Zokan Taiyodenchi no Kokoritsuka," The Society of Chemical Engineers, Japan Dai 35 Kai Shuki Taikai Kenkyu Happyo Koen Yoshishu, August 2002, p. 843	
AC		NGAMSINLAPASATHIAN, S., "Higher Efficiency in Dye-Sensitized Solar Cells Using Titania Nanotube," 2002 Nen Denki Kagaku Shuki Taikai Koen Yoshishu, September 2002, p. 138	
AC		ADACHI, M., "Formation of Titanium Oxide Nanotubes and Application to Dye-Sensitized Solar Cells," The Electrochemical Society of Japan Dai 68 Kai Taikai Koen Yoshishu, March 2001, p. 112	
AC		MURATA, Y., The Synthetic Conditions of Titania Nanotubes Using Template of Molecular Assemblies," CSJ: The Chemical Society of Japan Dai 82 Shuki Nenkai Koen Yokoshu, September 2002, p. 178	
AC		E-mail from Silva, E ; "US 20060107994 - Requesting IDS of 6,766,817"; May 25, 2006	
AC		E-mail from Silva, E ; "US 20050016578 - Requesting IDS of 6,766,817"; May 25, 2006	

EXAMINER: /Allen Cao/	DATE CONSIDERED: 09/28/2006
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# EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]



FORM PTO 1449/A-2003 (modified PTO/SB/08)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 10/824,947		ATTY. DOCKET NO.: S1459.70090US00	
				FILING DATE: April 15, 2004		CONFIRMATION NO.: 7277	
				APPLICANT: Akihisa Inatani et al.			
				GROUP ART UNIT: 2652		EXAMINER: unknown	
Sheet	2	of	2				

#### U.S. PATENT DOCUMENTS

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
AC		5,940,550		Plickert et al.	08-17-1999
AC		6,911,595		Yoshikawa et al.	06-2005
AC		6,602,998		Kobuke et al.	08-05-2003
AC		6,376,765	B1	Wariishi et al.	04-2002
AC		6,586,670	B2	Yoshikawa, Masaru	07-2003
AC		6,766,817		Elson Silva	07-27-2004
AC		US2002/0031080	A1	Inoue	03-14-2002
AC		US2003/0183271	A1	Ikedo et al.	10-02-2003
AC		US2004/0251508	A1	Takashi Tomita	12-16-2004
AC		US2005/0218467	A1	Takashi Tomita	10-06-2005
AC		US2006/0048812	A1	Takashi Tomita	03-09-2006
AC		US2005/0224112	A1	Yuichi Tokita et al.	10-13-2005
AC		US2006/0084257	A1	Yuichi Tokita	04-20-2006
AC		US2006/0137739	A1	Imoto et al.	06-29-2006-----
AC		US2002/0015881	A1	Yoshisada Nakamura	02-07-2002
AC		US2006/0107994	A1	Morooka et al.	05-25-2006
AC		US2006/0112988	A1	Morooka	06-01-2006

#### FOREIGN PATENT DOCUMENTS

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		Office/ Country	Number	Kind- Code			
AC		Japan	JP10-255863	A		09-25-1998	N
AC		Japan	JP2001-93591	A		04-06-2001	N
AC		Japan	JP2000-106222	A		04-11-2000	N
AC		Japan	JP2002-352870	A		12-06-2002	N
AC		Japan	JP2002-352869	A		12-06-2002	N
AC		Japan	JP2002-352868	A		12-06-2002	N
AC		Japan	JP2002-289274	A		10-04-2002	N
AC		Japan	JP11-354169	A		12-24-1999	N
AC		Japan	JP2001-253883	A		09-18-2001	N
AC		Japan	JP2002-25635	A	Japan Science and Technology Corp.	01-02-2002	N
AC		Japan	JP2002-8741	A	Fuji Photo Film Co., Ltd.	01-11-2002	N
AC		Japan	JP2000-285975	A		10-13-2000	N
AC		Japan	JP2000-195569	A		07-14-2000	N
AC		Japan	JP2001-143771	A		05-25-2001	N
AC		Japan	JP2002-222971	A		08-09-2002	N
AC		Japan	JP2002-8740	A		01-11-2002	

The Applicant hereby makes the following additional information of record in the above-identified application.

1. The Applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

	<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>
AC	10/816,806	April 2, 2004	Hideaki Tsutsumi et al.
AC	10/822,556	April 12, 2004	Masashi Enomoto et al.
AC	10/819,575	April 7, 2004	Naoki Inoue et al.

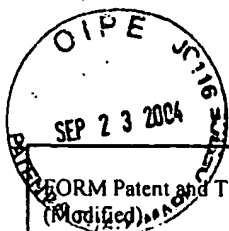
2. The Applicant would like to bring to the Examiner's attention the enclosed search report from a corresponding International or Foreign National Application.

PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.



FORM Patent and Trademark Office-1449/A and B  
(Modified)

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.: 10/824,947	ATTY. DOCKET NO.: S1459.70090US00
FILING DATE: April 15, 2004	CONFIRMATION NO.: 7277
APPLICANT: Akihisa Inatani et al.	
GROUP ART UNIT: 2652	EXAMINER: Not yet known

Sheet 1 of 1

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		Number	Kind Code		

#### FOREIGN PATENT DOCUMENTS

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		Office/ Country	Number	Kind Code			
AC	1	Europe	EP 1 100 086	A2	Sony Corporation	05-16-2001	Y
AC	2	Europe	EP 1 152 418	A1	Sony Corporation	11-07-2001	Y
AC	3	Europe	EP 1 058 260	A1	Sanyo Electric Co., Ltd.	12-06-2000	Y

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)

EXAMINE R	/Allen Cao/	DATE CONSIDERED	09/28/2006
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Include copy of this form with next communication to Applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b). For all patent applications filed on or before June 30, 2003, copies of cited U.S. patents and patent application publications are still required unless an eIDS is filed. Copies of all other patent(s), publication(s), or other information listed must still be provided, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

	<u>Attorney Docket No.</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>
AC	S1459.70081US00	10/543,05	07/21/05	Ishibashi et al.

The Applicant would like to bring to the Examiner's attention the following other information, whose relevance is discussed in Part III below:

**PART III: Explanation of References and Remarks Concerning Other Information Cited**

The following are remarks concerning the other information cited: The Applicant does not necessarily agree with the substance of the attached e-mail regarding the relevance of the prior art.

**PART IV: Remarks**

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.